

| Project Title | Funding | Institution |
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| Molecular pathways involved in oxidative stress and leaky gut impairment in autism spectrum disorders | \$20,000 | University of Naples |
| Study of anti-neuronal autoantibodies in behavioral and movement disorders | \$48,000 | University of Oklahoma Health Sciences Center |
| Influence of the maternal immune response on the development of autism | \$127,499 | University of Medicine & Dentistry of New Jersey |
| A mitochondrial etiology of autism | \$657,793 | Children's Hospital of Philadelphia |
| Gene-environment interactions in the pathogenesis of autism-like neurodevelopmental damage: A mouse model | \$60,000 | Johns Hopkins University School of Medicine |
| How does IL-6 mediate the development of autism-related behaviors? | \$28,000 | California Institute of Technology |
| Mechanisms of mitochondrial dysfunction in autism | \$0 | Georgia State University |
| Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development | \$0 | State University of New York at Potsdam |
| Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development | \$0 | Arkansas Children's Hospital Research Institute |
| Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development | \$0 | University of Rochester |
| Maternal infection and autism: Impact of placental sufficiency and maternal inflammatory responses on fetal brain development | \$127,500 | Stanford University |
| Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism | \$93,500 | University of Medicine & Dentistry of New Jersey |
| Systematic characterization of the immune response to gluten and casein in autism spectrum disorders | \$0 | Weill Cornell Medical College |
| The pathogenesis of autism: Maternal antibody exposure in the fetal brain | \$90,173 | The Feinstein Institute for Medical Research |
| Influence of maternal cytokines on activation of the innate immune system as a factor in the development of autism | \$24,000 | University of Medicine & Dentistry of New Jersey |
| Immune molecules and cortical synaptogenesis: Possible implications for the pathogenesis of autism | \$0 | University of California, Davis |
| Influence of oxidative stress on transcription and alternative splicing of methionine synthase in autism | \$28,000 | Northeastern University |
| A non-human primate autism model based on maternal infection | \$335,155 | California Institute of Technology |
| Regulation of inflammatory Th17 cells in autism spectrum disorder | \$112,500 | New York University School of Medicine |
| Maternal immune activation, cytokines, and the pathogenesis of autism | \$382,588 | University of California, Davis |
| Primate models of autism | \$114,105 | University of California, Davis |
| Primate models of autism | \$734,756 | University of California, Davis |
| Does mercury and neurotension induce mitochondrial DNA release from human mast cells and contribute to auto-immunity in ASD? | \$40,000 | Tufts University |
| Environmentally induced oxidative stress and altered local brain thyroid hormone metabolism: relevance to autism? | \$25,000 | Harvard Medical School; Brigham and Women's Hospital |
| The effect of mercury and neuropeptide triggers on human mast cell release of neurotoxic molecules | \$5,000 | Tufts University |
| Consequences of maternal antigen exposure on offspring immunity: An animal model of vertical tolerance | \$0 | The Fox Chase Cancer Center |
| Project 2: Immunological susceptibility of autism | \$173,585 | University of California, Davis |

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| An ex-vivo placental perfusion system to study materno-fetal biology | \$243,000 | University of Southern California |
| CNS toxicity of ambient air pollution: Postnatal exposure to ultrafine particles | \$191,406 | University of Rochester |
| Is autism a mitochondrial disease? | \$60,000 | University of California, Davis |
| Early biologic markers for autism | \$43,308 | Kaiser Permanente Division of Research |
| A role for immune molecules in cortical connectivity: Potential implications for autism | \$28,000 | University of California, Davis |
| Prostaglandins and cerebellum development | \$375,000 | University of Maryland, Baltimore |
| EFRI- BSBA: Novel microsystems for manipulation and analysis of immune cells | \$524,890 | University of California, Davis |
| A non-human primate autism model based on maternal immune activation | \$114,105 | University of California, Davis |
| A primate model of gut, immune, and CNS response to childhood vaccines | \$155,086 | University of Washington |
| Neurological diseases due to inborn errors of metabolism | \$10,458 | University of Texas Southwestern Medical Center |

